

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|-------|--|------------------------------|------------------|---------|------------------|
| L1 | 1 | "20040263146" | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/07 16:44 |
| S1 | 4 | 324/76.53 and (lock with capture) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 12:35 |
| S2 | 14001 | "324"/\$.ccls. and (("phase\$ lock\$2 loop") or (phase\$-lock\$2 loop)) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 12:36 |
| S3 | 142 | ((("phase\$ lock\$2 loop") or (phase\$-lock\$2 loop) or PLL) with (test testing)).ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 12:44 |
| S5 | 6 | ((("phase\$ lock\$2 loop") or ("phase\$-lock\$2 loop") or PLL) with (test testing)).ti. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 14:52 |
| S6 | 13223 | ((("phase\$ lock\$2 loop") or ("phase\$-lock\$2 loop") or PLL)) and ((frequency or phase) adj2 (detect\$4 compar\$5)) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 17:11 |
| S7 | 148 | ((("phase\$ lock\$2 loop") or ("phase\$-lock\$2 loop") or PLL)) and (((frequency or phase) adj2 (detect\$4 compar\$5)) near3 (disable "turn-off" "turn off" remove)) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 15:21 |
| S8 | 1 | S7 and "324"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 15:15 |
| S9 | 1 | S8 and (((frequency or phase) adj2 (detect\$4 compar\$5)) near3 (disable "turn-off" "turn off" remove)) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 15:16 |
| S10 | 36 | S7 and "375"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 15:22 |
| S11 | 390 | S6 and (generator near4 vco) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/22 17:14 |
| S12 | 52 | S6 and ((voltage adj generator) near4 vco) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 09:09 |
| S13 | 174 | (vco near2 (output adj frequenc\$5)) with lock | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 09:17 |
| S14 | 6 | S13 and "324"/\$.ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 09:32 |

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| S15 | 4 | ((lock adj2 range) with ((output adj frequen\$5) near2 vco)) and pll | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 10:01 |
| S16 | 70 | ((disabl\$3 remov\$3 "turn-off" "turn off") near2 (phase adj2 detector)) and pll | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 10:13 |
| S17 | 70 | ((disabl\$3 remov\$3 "turn-off" "turn off") near2 (phase adj2 detector)) and pll | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 10:17 |
| S18 | 47 | ((disabl\$3 "turn\$2-off" "turn\$2 off") near2 (phase adj2 detector)) and pll | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 13:16 |
| S19 | 2 | ("6442271" "6597249").pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 13:38 |
| S20 | 5 | ("20020036545" "6137372" "6215835" "6380810" "6396358").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/23 13:38 |

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| S21 | 136 | ("3750024" "3904833" "3981006" "4053720" "4054941" "4066843" "4118603" "4192978" "4216426" "4271526" "4292595" "4349821" "4384274" "4393516" "4415777" "4417099" "4475208" "4528664" "4529845" "4540854" "4541104" "4567331" "4594577" "4607170" "4644526" "4656661" "4686697" "4686699" "4712233" "4720811" "4741031" "4757528" "4835486" "4843339" "4864605" "4901217" "4901275" "4943807" "4993063" "4995111" "4996529" "5012950" "5032819" "5051799" "5068659" "5086454" "5097503" "5136630" "5204896" "5224154" "5235634" "5237511" "5245654" "5258721" "5260941" "5262779" "5287107" "5311588" "5323451" "5329281" "5329585" "5333196" "5337338" "5343514" "5343516" "5355407" "5355468" "5361067" "5361296" "5369666" "5375051" "5377260" "5384808" "5390249" "5406283" "5410594" "5426698" "5428682" "5438678" "5442694" "5459721" "5467385" "5473552" "5500894" "5500895" "5506900" "5506903" "5509068" "5511118" "5521967" "5533053" "5544241" "5546448" "5555100" "5561712" "5577104" "5598157" "5602912" "5644629" "5654984" "5655010" "5659608" "5675640" "5692041" "5694465" "5705978" "5721774" "5737411" "5740241" "5745060" "5751803" "5790656" "5805687" "5818923" "5841840" "5848133" "5859584" "5870046" "5875235" "5881102" "5881129" "5901210" "5907596" "5914671" "5917364").PN. OR ("5940459" "5946393" "5959372" "5982317" "5991335" "6005923" "6061051" "6072778" "6081586" "6111939" "6130602").PN. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/23 14:16 |
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| S22 | 2 | S21 and (vco and switch) | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/23 14:23 |
| S23 | 3 | 331/dig S20.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/23 14:24 |
| S24 | 0 | 331/dig2.ccls. | US-PGPUB; USPAT; USOCR | OR | OFF | 2004/11/23 14:28 |
| S25 | 396 | "331"/\$.ccls. and (vco with switch) and PLL | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 14:29 |
| S26 | 247 | "331"/\$.ccls. and (vco near6 switch) and PLL | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 14:30 |
| S27 | 18 | "331"/\$.ccls. and ((vco near6 switch) same resistor) and PLL | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 16:04 |
| S28 | 5 | 327/156-159,147-150.ccls. and ((vco near6 switch) same resistor) and PLL | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 16:04 |
| S29 | 6 | 327/156-159,147-150.ccls. and ((vco near6 switch) same resistor) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 16:15 |
| S30 | 22 | 327/156-159,147-150.ccls. and (disable near2 (phase adj2 detector)) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/23 16:15 |
| S31 | 27 | 327/147-150,156-159.ccls. and (test\$4 near3 (PLL or "Phase locked loop")) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 10:09 |
| S32 | 134 | (test\$4 near3 (PLL or "Phase locked loop")) | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 09:22 |
| S33 | 16 | S32 and vco | EPO; JPO; DERWENT; IBM_TDB | OR | ON | 2004/11/24 09:22 |
| S34 | 467 | (test\$4 near3 (PLL or "Phase locked loop")) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 10:10 |
| S36 | 55 | (test\$4 near3 (PLL or "Phase locked loop")) same vco | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 10:10 |
| S37 | 8 | S36 and pad | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 10:39 |
| S39 | 1 | 324/523,527.ccls. and (vco and (pll "phased locked loop")) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 10:49 |

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| S40 | 1 | 324/523,527.ccls. and (vco with resistor) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 10:59 |
| S41 | 360 | ((voltage adj generator) with (resistor with switch)) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 13:13 |
| S42 | 328 | (CMOS with switch) and "324"/\$. ccls. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 13:14 |
| S43 | 18 | S42 and PLL | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 13:33 |
| S44 | 0 | 2003/0048139 | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 13:33 |
| S45 | 1 | "20030048139" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 13:37 |
| S46 | 1 | "20030071748" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 13:37 |
| S47 | 389 | (vco with "DC voltage") | USPAT | OR | OFF | 2004/11/24 13:48 |
| S48 | 14 | S47 and "324"/\$.ccls. | USPAT | OR | ON | 2004/11/24 13:48 |
| S49 | 34 | (test\$4 near3 (PLL "Phase lock\$2 loop")) and (pad with voltage) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 15:10 |
| S50 | 62 | ((voltage adj generator) and (PLL "Phase lock\$2 loop")) and (pad with voltage) | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/24 15:11 |
| S51 | 1 | "6597249".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/26 08:33 |
| S53 | 1 | "20030048139" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/26 10:06 |
| S54 | 1 | "20030071748" | US-PGPUB; USPAT; USOCR | OR | ON | 2004/11/26 11:48 |
| S63 | 2 | ("6680484" "6747445").pn. | USPAT | OR | OFF | 2004/11/26 14:14 |
| S64 | 1 | "6597249".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/21 09:08 |
| S65 | 1 | ("20030071748") | US-PGPUB; USPAT; USOCR | OR | ON | 2004/12/21 09:08 |
| S66 | 1 | "6597249".pn. | US-PGPUB; USPAT; USOCR | OR | ON | 2005/02/07 16:44 |